



Express Mail Label No. EV770037182US

24-NS-6042  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Choe et al. : Art Unit: 3663  
Serial No.: 10/065,772 : Examiner: D. L. Greene  
Filed: November 18, 2002 :  
For: APPARATUS AND METHODS FOR :  
OPTIMIZING REACTOR CORE :  
COOLANT FLOW DISTRIBUTION :

**AMENDMENT AFTER FINAL OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Applicant respectfully requests consideration and entry of the following amendment submitted in response to the Office Action dated August 30, 2005, and made final.

02/02/2006 MAHRE01 00000070 012384 10065772  
02 FC:1252 450.00 DA